Attorney Docket No.: A-64260-2/RAIS/AMS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NOLAN, Garry P.

Serial No. 08/963,368

Filed: November 3, 1997

METHODS FOR SCREENING For:

FOR TRANSDOMINANT

INTRACELLULAR EFFECTOR

PEPTIDES AND RNA

MOLECULES

Examiner: VANDERVEGT

Group Art Unit: 1644

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, BOX RCE, Washington, DC 20231 on:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT AND STATEMENT OF RELATEDNESS

Commissioner for Patents **BOX RCE**

Washington, DC 20231

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the References cited on the accompanying form PTO-1449. Since copies of these references were provided either by Applicant or Examiner in 08/789,333, filed January 23, 1997 (now U.S. Pat. No. 6,153,380); 08/787,738, filed January 23, 1997; 08/589,109, filed January 23, 1996; or 08/589,911, filed January 23, 1996, upon

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which the instant application relies for its priority date, in accordance with 37 C.F.R.§1.98(d), no copies of these references are enclosed with this document.

Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

Applicants submit that an opposition has recently been filed in Australia; several of the references cited herein are from that opposition, and further documents may be forthcoming.

Applicants further submit that references 35, 38, and 41-43 are in German and were cited in an opposition in Europe against EP 0 832 207 B1, of which the PCT equivalent, WO 96/38553, has been previously cited by Applicants or the Examiner. English equivalents of references 41-43 were provided as described above. Further documents may be forthcoming.

Applicants also wish to draw the attention of the Patent Office to the related U.S. applications, serial number 09/727,715, filed November 28, 2000; serial number 09/919,635, filed July 31, 2001; serial number 09/918,601, filed July 30, 2001; and serial number 09/916,940, filed July 27, 2001; all of which are now pending.

This Information Disclosure Statement is accompanied by a Request for Continued Examination pursuant to 37 C.F.R. §1.114 and the requisite fee as set forth in 37 C.F.R. §1.17(e). The Commissioner is authorized to charge any additional fees which may be

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required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No.

A-64260-2/RMS/AMS).

Respectfully submitted,

FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT

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	2001	7		U.S. PA	TENT DOCUMENTS			8	
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IITIALS	1	5,723,323	3/1998	Kauffman et a					
<u>C</u>	2	5,223,408	6/1993	Goeddel					
800	3	5,283,173	02-1994	Fields et al.					
A D	4	5,217,889	06-1993	Roninson et a	al.				
				FOREIGN	PATENT DOCUMENTS			Transl	
AMINER'S NITIALS		PATENT NO.	DATE		COUNTRY	CLASS	SUBCLASS	Yes	No
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N	6	92/07071	4/1992	wo					
99	7	91/17266	11/1991	wo					
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INFORMATION DISCLOSURE CITATION

SERIAL NO. 08/963,368

APPLICANT

NOLAN, Garry P.

ATTY, DOCKET NO.

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/*	94 51	ATULU DACHMENIS INCIUNI	g Author, Title, Date, Pertine	nt Pages, Etc.)					
	12	Luzzago et al., "Mimicking of discontinuous epitopes by phage-displayed peptides. I. Epitope mapping of Luzzago et al., "Mimicking of discontinuous epitopes by phage library of constrained peptides", Gene 128:51-57 (1993)							
	13	Wong et al., "High-Efficiency Identificat	ion of Genes by Functional <i>i</i> 5523-5531 <i>(</i> 1994)	Analysis from a Retiovilal Color					
	14	Gudkov et al., "Isolation of genetic sup	etic suppressor elements, inducing resistance to topolsomerase il interessor poisomerase II cDNA". <i>Proc. Natl. Acad. Sci. USA</i> 90(8):3231-3235 (1993)						
	15	van den Hazel et al., "Random Substitution of Large Parts of the Propertide of Teast Proteinas.							
	16	Caldwell et al., "Molecular determinants of bioactivity of the Saccharomyces cerevisiae lipopepi							
	17	Groger et al., "Directional antisense and sense cDNA cloning using Epstein-Barr virus episornal expression							
	18	Yang, "Protein-peptide interactions analyzed with the yeast two-hybrid system", Nuc. Acids Nes. 25(1):1152							
	19	Cull et al., "Screening for receptor ligands using large libraries of peptides linked to the C terminus of the last							
	20	Martin et al., "The affinity-selection of a minbody polypeptide inhibitor of numan interleukin-o, Limbo o							
	21	Rayner and Gonda, "A Simple and Efficient Procedure for Generating Stable Expression Libraries by CENT." Rayner and Gonda, "A Simple and Efficient Procedure for Generating Stable Expression Libraries by CENT." Rayner and Gonda, "A Simple and Efficient Procedure for Generating Stable Expression Libraries by CENT."							
	22	Gudkov et al., "Cloning mammalian genes by expression selection of genetic suppressor circumstal. Association of kinesin with drug resistance and cell immortalization," <i>Proc. Natl. Acad. Sci. USA</i> 91:3744-							
	23	Whiteway et al., "Dominant negative selection of heterologous genes: Isolation of Candida albicans genes that interfere with Saccharomyces cerevisiae mating factor-induced cell cycle arrest," Proc. Natl. Acad. Sci.							
	24	Roninson et al., "Genetic Suppressor Elements: New Tools for Molecular Oncology – Iniffeentif Comellus							
	25	Murphy and Efstratiadis, "Cloning vectors for expression of cDNA libraries in mammalian ceris," 7766-7488-							
J	26	LaBean and Kauffman, "Design of synthetic gene libraries encoding random sequence proteins with desired LaBean and Kauffman, "Design of synthetic gene libraries encoding random sequence proteins with desired to the large targeties." Protein Science 2:1249-1254 (1993)							
	27	Deng et al., "Basis for selection of improved carbohydrate-binding single-chain antibodies north synthetic							
	28	Virnekäs et al., "Trinucleotide phosphoramidites: ideal reagents for the synthesis of mixed diagonal virtual and the synthesis of mixed diagonal virtual virtual and the synthesis of mixed diagonal virtual v							
	29	The state of mutations into cloned DNA using the polymerate							
	30	chain reaction," Gene 102:67-70 (1991) Stuhlmann et al., "Introduction of a selectable gene into different animal tissue by a retrovirus recombinant vector," Proc. Natl. Acad. Sci. USA 81:7151-7155 (Nov 1984) DATE CONSIDERED Treference considered, whether or not citation is in conformance with MPEP 609; draw line through citation in not in ot considered. Include copy of this form with next communication to applicant. TECH CENTER 1600/2900							
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SERIAL NO. ATTY, DOCKET NO. 08/963.368 A-64260-2/RMS/AMS INFORMATION DISCLOSURE APPLICANT CITATION NOLAN, Garry P. 007 0 1 2001 GROUP **FILING DATE** 1644 November 3, 1997 PTO-1449 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Winnacker, E-L, From genes to clones: Introduction to Gene Technology, Weinheim, New York: VCH, pp. 260-270 (1987) Winnacker, E-L, From genes to clones: Introduction to Gene Technology, Weinheim, New York: VCH, p. 32 359 (1987) Winnacker, E-L, From genes to clones: Introduction to Gene Technology, Weinheim, New York: VCH, 33 pp. 363-370 (1987) Winnacker, E-L, From genes to clones: Introduction to Gene Technology, Weinheim, New York: VCH, pp. 373-374 (1987) Römpp, C.L., Lexikon, Hrsg. Falbe, J. et al., Bd. 5 PI-S-1995, Georg Thieme Verlag Stuttgart, p3543 (in 35 German) Caldecott, et al., "An Interaction between the Mammalian DNA Repair Protein XRCC1 and DNA Ligase 36 III," Mol Cell Biol 14(1):68-76 (1994) Youssoufian, H, "Localization of Fanconi anemia C protein to the cytoplasm of mammalian cells," Proc. Natl. Acad. Sci. USA 91:7975-7979 (Aug 1994) Roitt et al., Kurzes Lehrbuch der Immunologie, 2. Auflage, p. 86, Stuttgart; New York: Thieme, (1991) (in 38 German) ATCC catalog Internet printout regarding Cell Line HB-101(2001) 39 Priority document, Denmark Patent Application No. 0629/95, titled "A Method for Identification of 40 Biologically Active Peptides and Nucleic Acids" (June 2, 1995) Stryer, L., Biochemie, Heidelberg, Berlin: Spektrum-Verlag, pp. 53-57 (1994) (in German) (published in 41 America in Stryer, L. Biochemistry 3rd Ed., New York: W.H. Freeman and Company pp. 50-55 (1988)) Stryer, L., Biochemie, Heidelberg, Berlin: Spektrum-Verlag, pp. 124-126 (1994) (in German) (published in 42 America in Stryer, L. Biochemistry 3rd Ed., New York: W.H. Freeman and Company pp. 120-123 (1988)) Stryer, L., Biochemie, Heidelberg, Berlin: Spektrum-Verlag, pp. 807-808 (1994) (in German) (published in 43 America in Stryer, L. Biochemistry 3rd Ed., New York: W.H. Freeman and Company pp. 773-775 (1988)) Kim et al., "Diversified sequences of peptide epitope for same-RNA recognition," Proc. Natl. Acad. Sci. 44 USA 90:10046-10050 (Nov 1993) Gavin et al., "Major histocampatibility complex class I allele-specific peptide libraries: identification of 45 peptides that mimic an H-Y T cell epitope," Eur J. Immunol. 24:2124-2133 (1994) Abbas, et al., Chapter 11, "Cytokines", in Cellular and Molecular Immunology W.B. Saunders Co., 46 Philadelphia, PA (1994) Berkhout and Klaver, "In vivo selection of randomly mutated retroviral genomes," Nucleic Acids Res. 47 21(22):5020-5024 (1993) EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line CEIVED not considered. Include copy of this form with next communication to applicant.

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